PTO/SB/21 (09-04)
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TOANGLETA		Application Number		10/589,811	
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الله FORM الله EB 2 ≈ 2007 بيا		First Named Inventor		Mark Greene	
EB Z X 2000. Bill		Art Unit		To be Determined	
(to be used for all correspondence after	initial filing)	Examiner Name		To be Determined	
Total Number of Pages in This Submiss	ion	Attorney Docket Nu	mber	UPN0018-100 (Q3395)	フ
	ENCLO	SURES (check all that	apply)		
Fee Transmittal Form	☐ Drawing(s	3)		After Allowance Communication to TC	
Fee Attached/Authorized	Licensing	-related Papers		Appeal Communication to Board of Appeals and Interferences	
Amendment / Reply	Petition			Appeal Communication to TC Appeal Notice, Brief, Reply Brief)	
After Final		Convert to a al Application	□F	Proprietary Information	
Affidavits/declaration(s)		Attorney, Revocation of Correspondence		Status Letter	
Extension of Time Request	Terminal I	Disclaimer		Other Enclosure(s) (please identify below):	
Express Abandonment Request	Request f	or Refund		orm PTO SB/08a and SB/08b(3pp.); 35 referented; 20 copies of references submitted; retuined.	
Information Disclosure Statement	☐ Lan	dscape Table on CD		W-s-	
Certified Copy of Priority Document(s)	Remarks				
Reply to Missing Parts/ Incomplete Application Reply to Missing Parts under 37 CFR1.52 or 1.53		MAIL LABEL NO: DEPOSIT: Februar			
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Firm	Cozen O'Conno	· · · · · · · · · · · · · · · · · · ·	, C. I.		٦
Signature	Unl	le			
Printed Name					
Date	Februa	28,2007	Reg. No.	33,229	
	CERTIFICA	TE OF TRANSMISSI	ON/MAI	LING	<u> </u>
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

pplicants: Mark I. Greene et al.

Serial No.: 10/589,811

Group Art Unit: To be determined

Filed: August 17, 2006

Examiner: To be determined

Title: REAGENTS, KITS AND METHODS FOR IMMUNODETECTION OF

EPITOPES ON MOLECULES

EXPRESS MAIL LABEL NO: EV 770974192 US

DATE OF DEPOSIT: February 28, 2007

MAIL STOP AMENDMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

INFORMATION DISCLOSURE STATEMENT

Pursuant to 37 C.F.R. §§ 1.56 and in accordance with 37 C.F.R. §§ 1.97 and 1.98, information relating to the above-identified application is hereby disclosed, the Examiner in charge of the above-identified application is requested to consider and make of record the references listed on the PTO Forms SB/08A and Forms SB/08B, formerly known as PTO Form 1449, submitted herewith.

Inclusion of the information submitted herewith is not to be construed as an admission that the information is material as that term is defined in 37 C.F.R. § 1.56(b).

In accordance with 37 C.F.R. § 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made.

This	Information	Disclosure	Statement	is	being	filed:

	within three months of the filing date of the patent application.
	within three months of the date of entry into the national stage as set forth ir
	37 C.F.R. § 1.491 of the international application.
\boxtimes	before the mailing date of a first Office Action on the merits.

	after	the mailing date of a first Office Action on the merits, but before the
	maili	ng date of a Final Office Action under 37 C.F.R. § 1.116 or a Notice of
	Allov	wance under 37 C.F.R. § 1.311, and accordingly is accompanied by:
		the Statement under 37 C.F.R. § 1.97(e) (see "Statement" below);
		or
		the Fee of \$180.00 set forth in 37 C.F.R. § 1.17(p); or
		No fee is owed by the applicant(s).
	State Final C.F.F	cordance with 37 C.F.R. § 1.129(a), this Information Disclosure ment is being filed in connection with the first or second After Submission, and accordingly is accompanied by the Statement under 37 R. § 1.97(e) (see "Statement" below) and the fee of \$180.00 as set forth in F.R. § 1.17(p), is attached.
	Notic Issue	the mailing date of a Final Office Action under 37 C.F.R. § 1.116 or a see of Allowance under 37 C.F.R. § 1.311, but before the payment of the Fee, and accordingly is accompanied by the Statement under 37 C.F.R. 7(e), (see "Statement," and "Fees" below).
\boxtimes	attac	es of the references (except the U.S. Patent documents) listed on the hed PTO Forms SB/08a and SB/08b, formerly known as PTO Form 1449, nclosed.
	EXC	EPT THAT:
	\boxtimes	In view of the voluminous nature of reference BF and the likelihood that this reference is available to the Examiner, a copy is not enclosed herewith.
		In accordance with 37 C.F.R. § 1.98(d), copies of the following references listed on the attached PTO Form SB/08A and PTO Form SB/08B, formerly known as PTO Form 1449 are not enclosed herewith because they were previously cited by or submitted to the U.S. Patent and Trademark Office in patent application(s) for which a claim for priority under 35 U.S.C. § 120 have been made in the instant application.

	If any of the foregoing publications are not available to the Examiner Applicant will endeavor to supply copies at the Examiner's request.
Staten	nent under 37 C.F.R. § 1.97(e)
	The undersigned attorney hereby states that each item information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign patent application not more than three months prior to the filing of the Information Disclosure Statement.
Fees	
\boxtimes	No Fee is owed by the applicant(s).
	The Information Disclosure Statement Fee of \$180.00 under 37 C.F.R. § 1.17(p) is enclosed herewith.
Metho	od of Payment of Fees
	Attached is a check in the amount of \$ This form is submitted in duplicate.
	Charge Deposit Account No. 50-1275 in the amount of \$180.00. This form is submitted in duplicate.
\boxtimes	Please charge any deficiency or credit any overpayment to Deposit Account 50-1275.
\boxtimes	No fee or Statement is required under 37 C.F.R. § 1.97(b).
	Respectfully submitted,
	(ph D

Mark DeLuca

Registration No. 33,229

Dated: February 28, 2007

COZEN O'CONNOR, P.C. 1900 Market Street, 5th Floor Philadelphia, PA 19103-3508 (215) 665-2000 - Telephone (215) 665-2013 - Facsimile

PTO/SB/08A (07-05)

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Substitute for form 1449A/PTO

TO THAT THE INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

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Sheet

	Complete if Known	
Application Number	10/589,811	*
Filing Date	August 17, 2006	
First Named Inventor	Mark Greene	
Art Unit	To be Determined	
Examiner Name	To be Determined	
Attorney Docket Number	UPN0018-100/Q3395	

			U.S. PA	ATENT D	OCU	MENTS		
Examiner Initials *	Cite No.1	Document Number Number - Kind Code ² (if known)		Publication Date MM-DD-YYYY Name of Patentee or Applicant Cited Document			Pages, Columns, Lines, Where Passages or Relevan Figures Appear	
	AA	US-09/977,716	n	/a] :	Mark Greene et al.		
	AB	US-7,045,286	05-16	-2006		Mark Greene et al.		
	AC	US-6,743,592	06-01	-2004	1	Mark Greene et al.		
	AD	US-5,665,539	09-09	-1997	,	Takeshi Sano et al.		
	AE	US-5,922,553	07-13	-1999	Ja	mes Eberwine et al.		
	AF	US-5,334,702	08-02	-1994	N	ſark I. Greene et al.		
	AG	US-5,663,144	09-02	1997	N	1ark I. Greene et al.		
	AH	US-5,919,764	07-06	-1999	N	1ark I. Greene et al.		
	Al	US-6,022,523	02-08	3-2000	Wil	liam F. Degrado et al.		
	AJ	US-5,436,134	07-25	-1995	Rich	ard P. Haugland et al.		
	AK	US-6,291,650	09-18	3-2001	Gre	gory Paul Winter et al.		
	AL	US-6,225,447	05-01	05-01-2001		gory Paul Winter et al.		
	AM	US-6,172,197	01-09	-2001	John Mccafferty et al.			
	AN	US-6,140,471	10-31	-2000	Kevi	n Stuart Johnson et al.		
	l	F	OREIGN	PATEN'	r DOC	CUMENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document Country Code ³ - Number ⁴ - Kind (known)		Publication	n Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T⁵
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Examiner Signature		Date Considered		
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	ocuments at www.uspto.gov or MPEP 901.04. 3 Enter Office to			
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INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known

Application Number

10/589,811

Filing Date
August 17, 2006

First Named Inventor
Art Unit
Examiner Name

To be Determined

Examiner Name

Sheet

of

Attorney Docket Number

		NON PATENT LITERAT	JRE DOCUMENTS					
Examiner Initials *	Cite No.	Include name of the author (in CAPITAL LETTE item (book, magazine, journal, serial, symp number(s), publisher, city	osium, catalog, et	c.), date, page(s), volume-issue	T²			
	AO	Felix, A.M., "Applications of BOP reagent in sol 238.	id phase synthesi	s", Int. J. Pep. Prot. Res. 1988 31:231-				
	AP	Giralt, E. and Andreu eds, In Peptides, ESCOM,	Leiden, The Neth	erlands 1991,131-133.				
	AQ	Hendrickson et al., "High sensitivity multianaly antibodies and polymerase chain reaction," Nuc	yte immunoassay cleic Acids Research	using covalent DNA-labeled ı (1999), 23 (3): 522-529.				
	AR	Hruby, "Conformational restrictions of biologic groups," <i>Life Sci.</i> (1982) 31: 189-199.	cally active peptid	es via amino acid side chain				
	Leone et al., "Molecular beacon probes combined with amplification by NASBA enable homogeneous, real-time detection of RNA," Nucleic Acids Res. (1998), 26 (9): 2150-2155.							
	AT	Murali et al.," Structure-based design of immunologically active therapeutic peptides," <i>Immunol. Res.</i> (1998) 17: 163-169.						
	AU	Ploux, 0. et al., "Cyclization of peptides on a solid support. Application to cyclic analogs of substance P," Int. J. Pep. Prot. Res. (1987), 29: 162-169.						
	AV	Prasad et al., "Contrasting solution conformation residues with linear and cyclic side chains," Bio	polymers (1995) 35	i: 11-20.				
	AW	Porstmann, T. et al., "Enzyme immunoassay ted 150(1-2):5-21.	chniques. An over	view," J Immunol Methods. (1992),				
Portsmann, B. et al., "Which of the commonly used marker enzymes gives the best results in colorimetric and fluorimetric enzyme immunoassays: horseradish peroxidase, alkaline phosphatase or beta-galactosidase?" <i>J Immunol Methods</i> (1985), 79(1):27-37.								
	AY	Reichmann et al., "Expression of an antibody F 825-828.	v fragment in my	eloma cells," J. Mol. Biol. (1988), 203:				
Examiner Signature			Date Considered					

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:

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INICO		DIC	OL OCUPE	Application Number	10/589,811		
INFORMATION DISCLOSURE				Filing Date	August 17, 2006		
STAT	EMENT B	YA	PPLICANT	First Named Inventor	Mark Greene		
				Art Unit	To be Determined		
	(Use as many she	eets as	necessary)	Examiner Name	To be Determined		
Sheet	3	of	3	Attorney Docket Number	UPN0018-100/Q3395		

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials *	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	AZ	Romani, S. et al., "Synthesis of the trypsin fragment 10-25/75-88 of mouse nerve growth factor. II. The unsymmetrical double chain cystine peptide," Int. J. Pep. Prot. Res. (1987), 29: 107-117)	
	ВА	Saragovi et al., "Design and synthesis of a mimetic from an antibody complementarity-determining region," <i>Science</i> (1991), 253: 792-795.	
	88	Schiller et al., "Synthesis of side-chain to side-chain cyclized petide analogs on solid supports," Int. J. Pep. Prot. Res. (1985), 25: 171-177.	
	вс	Schweitzer et al., "Inaugural article: immunoassays with rolling circle DNA amplification: a versatile platform for ultrasensitive antigen detection," <i>Proc Natl Acad Sci U S A.</i> (2000), 97(18):10113-9.	
	BD	Sheppard, R. C., "Acid-labile resin linkage agents for use in solid phase peptide synthesis," Int. J. Peptide Res. (1982), 20: 451-454.	
	BE	Skerra and Pluckthun, "Assembly of a functional immunoglobulin Fv fragment in Escherichia coli," Science (1988), 240:1038-1044.	
	BF	Harrison et al. United States Biochemical Pharma. Ltd. (Europe), Watford, United Kingdom)	
	BG	Tan et al., "Molecular beacons: a novel DNA probe for nucleic acid and protein studies," Chemistry (2000), 6: 1107-1111.	
	вн	Tannous et al., "T7 RNA polymerase as a self-replicating label for antigen quantification," Nucleic Acids Res (2002), 30(24):e140.	
	ВІ	Williams et al.," Development of biologically active peptides based on antibody structure," <i>Proc. Natl Acad. Sci.</i> USA (1989), 86: 5537-5541.	

Examiner Signature	Date Considered	
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^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

'Applicant's unique citation designation number (optional). Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.